EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	100	("20060041564" "6804684" "20020188602" "7028253" "7068309" "20040064455" "20040070678" "20040098362" "20050190273" "20060107297" "5579471" "5751286" "6208353" "20020055955" "20040126038" "20050234958" "5564005" "5592607" "6611725" "20040165775" "4956667" "5299021" "6731788" "6901411" "20030187844" "20050165763" "6973460" "20040223747" "20040260702" "20040268253" "20050125387" "20050216454" "20050216457" "20050234891" "20050256866" "20050256867" "20050289142" "20060053364" "20060053365" "20060123017" "20060123332" "4942428" "5872923" "4616336" "5060135" "5231578" "5355447" "5457476" "5528732" "5559942" "5577188" "5581682" "5625377" "5689742" "5704042" "5781727" "5832474" "5838914" "5845161" "5896468" "5897228" "5920317" "5920694" "5963670" "6035142" "6041335" "6076917" "6079832" "6128446" "6269366" "6397213" "6463426" "6480186" "6499016" "6502100" "6512857" "6519050" "6587601" "6597818" "6599241" "6665490" "6810146" "6891920" "6909805" "6978230" "7010751" "7065705" "20010038718" "20020054059" "20020102022" "20020171669" "20030059112" "20030190145" "20040165768" "20040246270" "20040260558" "20050001851" "20050102609" "20050116964" "20050257137").pn.	US-PGPUB; USPAT	OR	OFF	2006/08/08 16:25
S2	1	10/711061	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:14

S3	5	"7054861"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:15
S4	5889	(tag or metadata or (meta adj data) or schema or ontology) near2 (image or picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:41
S5	6706	(categor$4 or classify$3) near2 (image or. picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 17:09
S6	102	S5 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:22
S7	57637	annotat$3 or markup	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:23
S8	162	S4 with S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:24
S9	16	S5 with S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 14:23
S10	10	US-6342906-$.DID. OR US-5920694-$.DID. OR US-5819038-$.DID. OR US-5761419-$.DID. OR US-5600775-$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 15:43
S11	15714	annotation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:03
S12	26	S5 same S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 15:43

S13	37	annotation adj layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 15:50
S14	508	image adj annotation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:03
S15	12	(tag or metadata or (meta adj data) or schema or ontology) with S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:05
S16	22	(tag or metadata or (meta adj data) or schema or ontology) same S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:06
S17	7	09/685,112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:07
S18	120	metadata same geometr$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:07
S20	4	S5 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:08
S21	73210	(feature or characteristic or metadata or annotation) near2 (image or picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:09
S22	1035	(categor$4 or classify$3) with S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 16:10
S23	44	S22 and (707/100 or 707/102 or 707/3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:45

8/9/2006 2:25:32 PM

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S24	1	("2002/0054059").URPN.	USPAT	OR	OFF	2006/08/08 16:37
S25	13	("5838914").URPN.	USPAT	OR	OFF	2006/08/08 16:48
S26	1947	S7 near2 (image or picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 17:09
S27	56	S26 with (level or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 17:17
S28	162	S26 same (level or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 17:17
S29	106	S28 not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 10:04
S30	37	("5920694").URPN.	USPAT	OR	OFF	2006/08/08 17:24
S31	71	("5600775").URPN.	USPAT	OR	OFF	2006/08/08 17:25
S32	1	("6269366").URPN.	USPAT	OR	OFF	2006/08/09 10:00
S33	1	10/712568	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 10:04
S34	13	("6574629").URPN.	USPAT	OR	OFF	2006/08/09 11:38
S35	508	image adj annotation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:46
S36	30	S35 and (707/100 or 707/102 or 707/3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:48
S37	1991	(draw$3 or defin$3) near2 (annotation or markup or (mark-up) or (mark adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:48

S38	189	S37 with (image or picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:49
S39	14	S38 and (707/100 or 707/102 or 707/3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:48
S40	369	(draw$3) near2 (annotation or markup or (mark-up) or (mark adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:48
S41	79	S40 with (image or picture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:53
S42	107	S38 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 11:53
S43	198	gertz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:42
S44	0	gertz.in. and sattler.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:42
S45	0	gertz.in. and gorin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:42
S46	0	gertz.in. and hogarth.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:42
S47	19	S43 and image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/09 12:42

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Advanced Search:
Inspec - 1898 to date (INZZ)

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No.	Database	Search term	Info added since	Results	
1	INZZ	image NEAR annotation	unrestricted	186	show titles
2	INZZ	image NEAR annotat$3	unrestricted	234	show titles
3	INZZ	image NEAR annotat$3 AND database	unrestricted	63	show titles
4	INZZ	(draw$3 OR defin$3) NEAR (annotation OR markup)	unrestricted	131	show titles
5	INZZ	(draw$3 OR defin$3) NEAR (annotation OR markup) AND database	unrestricted	21	show titles
6	INZZ	(tag OR metadata) AND annotat$3 WITH (image OR picture)	unrestricted	16	show titles

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        Annotating scientific images: a concept-based approach.
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        Proceedings of 14th International Conference on Scientific and Statistical Database Management, Edinburgh, UK, 24-26 July 2002.
Source
        Proceedings 14th International Conference on Scientific and Statistical Database Management, 2002, p. 59-68, 25 refs, pp. viii +243, ISBN: 0-7695-1632-7.
        Publisher: IEEE Comput. Soc, Piscataway, NJ, USA.
Author(s)
        Gertz-M, Sattler-K-U, Gorin-F, Hogarth-M, Stone-J.
Author affiliation
        Gertz, M., Sattler, K.-U., Dept. of Comput. Sci., California Univ., Davis, CA, USA.

Abstract
        Data annotations are an important kind of **metadata** that occur in the form of externally assigned descriptions of particular features in Web accessible documents. Such **metadata** are eventually used in data retrieval tasks on heterogeneous, possible distributed Web-accessible documents. In this paper, we present the model and realization of an **annotation** framework that scientists can employ to semantically enrich different types of documents, primarily scientific images made available through an **image** repository. Although we employ ontology like structures, called concepts, for **metadata** schemes used in annotations, our primary focus is on how concepts are actually used to **annotate** images and regions of interest, respectively, that exhibit features of interest to a researcher. It turns out that the combined consideration of domain specific concepts and **annotated** regions in images provides interesting means to analyze the usage of **metadata** regarding certain correctness and plausibility criteria. We detail our **annotation** management framework in the context of the Human Brain Project in which Neuroscientists record their observations on specific brain structures, and share and exchange information through concept-based annotations associated with images.

Descriptors
        BRAIN; FEATURE-EXTRACTION; IMAGE-RETRIEVAL; INTERNET; MEDICAL-IMAGE-PROCESSING; META-DATA; NEUROPHYSIOLOGY; VISUAL-DATABASES.
Classification codes
        C7330 Biology-and-medical-computing*;

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Annotating scientific images: a concept-based approach

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Dept. of Comput. Sci., California Univ., Davis, CA, USA

Abstract

Data annotations are an important kind of metadata that occur in the form of externally as:
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Human Brain Project in which Neuroscientists record their observations on specific brain ε
and exchange information through concept-based annotations associated with images.

Index Terms
Inspec
Controlled Indexing
Internet brain feature extraction image retrieval medical image processing n
neurophysiology visual databases

Non-controlled Indexing
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